



U.S. Environmental Protection Agency  
Region 2 Laboratory  
2890 Woodbridge Avenue  
Edison, NJ 08837

**Data Report: PREPA PALO SECO**

**Project Number: 07080051**

**Program: Y206**

**Project Leader: SCOTT KIRCHNER**

Remark Codes	Explanation
U	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
UJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT. THE REPORTING LIMIT IS AN ESTIMATE.
N	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE TO SEVERE QUALITY CONTROL PROBLEMS. THE DATA ARE REJECTED AND CONSIDERED UNUSABLE.
K	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE.
L	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04299

Field/Station ID: PS-MW04-07P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: VOA TCL SOM1.1 GCMS NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
75-43-4	DICHLORODIFLUOROMETHANE	---	130,000U	ug/Kg
74-87-3	CHLOROMETHANE	---	130,000U	ug/Kg
75-01-4	VINYL CHLORIDE	---	130,000U	ug/Kg
74-83-9	BROMOMETHANE	---	130,000U J	ug/Kg
75-00-3	CHLOROETHANE	---	130,000U	ug/Kg
75-69-4	TRICHLOROFLUOROMETHANE	---	130,000U	ug/Kg
75-35-4	1,1-DICHLOROETHENE	---	130,000U	ug/Kg
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	---	130,000U	ug/Kg
75-15-0	CARBON DISULFIDE	---	130,000U	ug/Kg
67-64-1	ACETONE	---	250,000U	ug/Kg
79-20-9	METHYL ACETATE	---	130,000U	ug/Kg
75-09-2	METHYLENE CHLORIDE	---	130,000U	ug/Kg
156-60-5	TRANS-1,2-DICHLOROETHENE	---	130,000U	ug/Kg
156-59-2	CIS-1,2-DICHLOROETHENE	---	130,000U	ug/Kg
1634-04-4	METHYL TERT-BUTYL ETHER	---	130,000U	ug/Kg
75-34-3	1,1-DICHLOROETHANE	---	130,000U	ug/Kg
78-93-3	2-BUTANONE	---	250,000U	ug/Kg
67-66-3	CHLOROFORM	---	130,000U	ug/Kg
71-55-6	1,1,1-TRICHLOROETHANE	---	130,000U	ug/Kg
110-82-7	CYCLOHEXANE	---	130,000U	ug/Kg
56-23-5	CARBON TETRACHLORIDE	---	130,000U	ug/Kg
107-06-2	1,2-DICHLOROETHANE	---	130,000U	ug/Kg
71-43-2	BENZENE	---	130,000U	ug/Kg
79-01-6	TRICHLOROETHENE	---	130,000U	ug/Kg
108-87-2	METHYLCYCLOHEXANE	---	130,000U	ug/Kg
78-87-5	1,2-DICHLOROPROPANE	---	130,000U	ug/Kg
75-27-4	BROMODICHLOROMETHANE	---	130,000U	ug/Kg
10061-01-5	CIS--1,3-DICHLOROPROPENE	---	130,000U	ug/Kg
108-10-1	4-METHYL-2-PENTANONE	---	250,000U	ug/Kg
10061-02-6	TRANS-1,3-DICHLOROPROPENE	---	130,000U	ug/Kg
108-88-3	TOLUENE	---	130,000U	ug/Kg
79-00-5	1,1,2-TRICHLOROETHANE	---	130,000U	ug/Kg
127-18-4	TETRACHLOROETHENE	---	130,000U	ug/Kg
591-78-6	2-HEXANONE	---	250,000U	ug/Kg
106-93-4	1,2-DIBROMOETHANE	---	130,000U	ug/Kg
124-48-1	DIBROMOCHLOROMETHANE	---	130,000U	ug/Kg
108-90-7	CHLOROBENZENE	---	130,000U	ug/Kg
100-41-4	ETHYLBENZENE	---	130,000U	ug/Kg
1330-20-7	M+P-XYLENE	---	130,000U	ug/Kg
95-47-6	O-XYLENE	---	130,000U	ug/Kg
100-42-5	STYRENE	---	130,000U	ug/Kg
75-25-2	BROMOFORM	---	130,000U	ug/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 2 of 25



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04299

Field/Station ID: PS-MW04-07P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: VOA TCL SOM1.1 GCMS NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
98-82-8	ISOPROPYLBENZENE	430,000		ug/Kg
79-34-5	1,1,2,2-TETRACHLOROETHANE	---	130,000U	ug/Kg
541-73-1	1,3-DICHLOROBENZENE	---	130,000U	ug/Kg
106-46-7	1,4-DICHLOROBENZENE	---	130,000U	ug/Kg
95-50-1	1,2-DICHLOROBENZENE	---	130,000U	ug/Kg
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	---	130,000U	ug/Kg
0120-82-1	1,2,4-TRICHLOROBENZENE	---	130,000U	ug/Kg
87-61-6	1,2,3-TRICHLOROBENZENE	---	130,000U	ug/Kg
	BROMOCHLOROETHANE	---	130,000U	ug/Kg
	BENZENE,1-METHYL-2-(1-METHYLETHYL)-	5,500,000	NJ	ug/Kg
	BENZENE, 1,2,4,5-TETRAMETHYL-	5,200,000	NJ	ug/Kg
	BICYCLO[4.2.0]OCTA-1,3,5-TRIENE,7-ISOPRO	3,800,000	NJ	ug/Kg
	INDAN, 1-METHYL-	3,200,000	NJ	ug/Kg
	BENZENE,(2-CHLORO-2-BUTENYL)-	3,500,000	NJ	ug/Kg
	BENZENE,(1-METHYL-1-BUTENYL)-	2,500,000	NJ	ug/Kg
	1H-INDENE,2,3-DIHYDRO-1,1-DIMETHYL-	2,300,000	NJ	ug/Kg
	BENZENE,1-ETHYL-2,4,5-TRIMETHYL-	2,700,000	NJ	ug/Kg
	NAPHTHALENE,1-METHYL-	7,700,000	NJ	ug/Kg
	NAPHTHALENE,2-METHYL-	4,700,000	NJ	ug/Kg

Analysis Type: PCBS GC TSCA OIL

CAS Number	Analyte Name	Result	Remark Codes	Units
12674-11-2	AROCLOR 1016	---	0.30U	mg/Kg
11104-28-2	AROCLOR 1221	---	0.59U	mg/Kg
11141-16-5	AROCLOR 1232	---	0.30U	mg/Kg
53469-21-9	AROCLOR 1242	---	0.30U	mg/Kg
12672-29-6	AROCLOR 1248	---	0.30U	mg/Kg
11097-69-1	AROCLOR 1254	---	0.30U	mg/Kg
11096-82-5	AROCLOR 1260	7.4		mg/Kg
37324-23-5	AROCLOR 1262	---	0.30U	mg/Kg
	AROCLOR 1268	---	0.30U	mg/Kg

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
100-52-7	BENZALDEHYDE	---	390U	mg/Kg
108-95-2	PHENOL	---	390U	mg/Kg
111-44-4	BIS(2-CHLOROETHYL)ETHER	---	390U	mg/Kg
95-57-8	2-CHLOROPHENOL	---	390U	mg/Kg



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Matrix: Oil

Sample Description:

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
95-48-7	2-METHYLPHENOL	---	390U	mg/Kg
108-60-1	2,2'-OXYBIS(1-CHLOROPROPANE)	---	390U	mg/Kg
98-86-2	ACETOPHENONE	---	390U	mg/Kg
106-44-5	4-METHYLPHENOL	---	390U	mg/Kg
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	---	390U	mg/Kg
67-72-1	HEXACHLOROETHANE	---	390U	mg/Kg
98-95-3	NITROBENZENE	---	390U	mg/Kg
78-59-1	ISOPHORONE	---	390U	mg/Kg
88-75-5	2-NITROPHENOL	---	390U	mg/Kg
105-67-9	2,4-DIMETHYLPHENOL	---	390U	mg/Kg
111-91-1	BIS(-2-CHLOROETHOXY)METHANE	---	390U	mg/Kg
120-83-2	2,4-DICHLOROPHENOL	---	390U	mg/Kg
91-20-3	NAPHTHALENE	---	390U	mg/Kg
106-47-8	4-CHLOROANILINE	---	390U	mg/Kg
87-68-3	HEXACHLOROBUTADIENE	---	390U	mg/Kg
105-60-2	CAPROLACTAM	---	390U	mg/Kg
59-50-7	4-CHLORO-3-METHYLPHENOL	---	390U	mg/Kg
91-57-6	2-METHYL NAPHTHALENE	---	390U K	mg/Kg
95-94-3	1,2,4,5- TETRACHLOROBENZENE	---	390U	mg/Kg
77-47-4	HEXACHLOROCYCLOPENTADIENE	---	390U	mg/Kg
88-06-2	2,4,6-TRICHLOROPHENOL	---	390U	mg/Kg
95-95-4	2,4,5-TRICHLOROPHENOL	---	390U	mg/Kg
92-52-4	1,1'- BIPHENYL	---	390U	mg/Kg
91-58-7	2-CHLORONAPHTHALENE	---	390U	mg/Kg
88-74-4	2-NITROANILINE	---	390U	mg/Kg
131-11-3	DIMETHYL PHTHALATE	---	390U	mg/Kg
208-96-8	ACENAPHTHYLENE	---	390U	mg/Kg
606-20-2	2,6-DINITROTOLUENE	---	390U	mg/Kg
99-09-2	3-NITROANILINE	---	390U	mg/Kg
83-32-9	ACENAPHTHENE	---	390U	mg/Kg
51-28-5	2,4-DINITROPHENOL	---	2,300U J	mg/Kg
100-02-7	4-NITROPHENOL	---	390U	mg/Kg
132-64-9	DIBENZOFURAN	---	390U	mg/Kg
121-14-2	2,4-DINITROTOLUENE	---	390U J	mg/Kg
86-73-7	FLUORENE	---	390U	mg/Kg
84-66-2	DIETHYLPHTHALATE	---	390U	mg/Kg
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	---	390U	mg/Kg
100-01-6	4-NITROANILINE	---	390U	mg/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 4 of 25





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Project Number: 07080051

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AJ04299

Field/Station ID: PS-MW04-07P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
534-52-1	4,6-DINITRO-2-METHYLPHENOL	---	780U L	mg/Kg
86-30-6	N-NITROSODIPHENYLAMINE	---	390U	mg/Kg
101-55-3	4-BROMOPHENYL-PHENYLETHER	---	390U	mg/Kg
118-74-1	HEXACHLOROBENZENE	---	390U	mg/Kg
1912-24-9	ATRAZINE	---	390U	mg/Kg
87-86-5	PENTACHLOROPHENOL	---	2,300U J	mg/Kg
85-01-8	PHENANTHRENE	---	390U	mg/Kg
120-12-7	ANTHRACENE	---	390U	mg/Kg
86-74-8	CARBAZOLE	---	390U	mg/Kg
84-74-2	DI-N-BUTYLPHTHALATE	---	390U	mg/Kg
206-44-0	FLUORANTHENE	---	390U	mg/Kg
129-00-0	PYRENE	---	390U	mg/Kg
85-68-7	BUTYLBENZYLPHTHALATE	---	390U	mg/Kg
91-94-1	3,3'- DICHLOROBENZIDINE	---	390U J	mg/Kg
56-55-3	BENZO(A)ANTHRACENE	---	390U	mg/Kg
218-01-9	CHRYSENE	---	390U	mg/Kg
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	---	390U	mg/Kg
117-84-0	DI-N-OCTYL PHTHALATE	---	390U	mg/Kg
205-99-2	BENZO(B)FLUORANTHENE	---	390U	mg/Kg
207-08-9	BENZO(K)FLUORANTHENE	---	390U	mg/Kg
50-32-8	BENZO(A)PYRENE	---	390U	mg/Kg
193-39-5	INDENO(1,2,3-CD)PYRENE	---	390U	mg/Kg
53-70-3	DIBENZO(A,H)ANTHRACENE	---	390U	mg/Kg
191-24-2	BENZO(G,H,I)PERYLENE	---	390U	mg/Kg
58-90-2	2,3,4,6-TETRACHLOROPHENOL	---	390U	mg/Kg
	OCTANE, 3,6-DIMETHYL-	4,700	NJ	mg/Kg
	NONANE, 3,7-DIMETHYL-	4,400	NJ	mg/Kg
	CYCLOHEXANE, BUTYL-	6,800	NJ	mg/Kg
	NAPHTHALENE, DECAHYDRO-,TRANS-	6,600	NJ	mg/Kg
	BENZENE, 2-ETHYL-1,3-DIMETHYL-	9,300	NJ	mg/Kg
	NAPHTHALENE, DECAHYDRO-2-METHYL-	5,200	NJ	mg/Kg
	BENZENE,1-METHYL-3-(1-METHYLETHYL)-	8,300	NJ	mg/Kg
	CYCLOHEXANE,2-BUTYL-1,1,3-TRIMETHYL-	4,700	NJ	mg/Kg
	TRIDECANE,7-METHYL-	11,000	NJ	mg/Kg

Analysis Type: PESTICIDES TCL GC SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
319-84-6	A-BHC	---	0.024U L	mg/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 5 of 25



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04299

Field/Station ID: PS-MW04-07P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: PESTICIDES TCL GC SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
58-89-9	G-BHC	---	0.024U	mg/Kg
76-44-8	HEPTACHLOR	---	0.024U	mg/Kg
959-98-8	ENDOSULFAN I	---	0.024U	mg/Kg
60-57-1	DIELDRIN	---	0.048U	mg/Kg
72-20-8	ENDRIN	---	0.048U	mg/Kg
72-54-8	4,4' DDD	---	0.048U	mg/Kg
50-29-3	4,4' DDT	---	0.048U	mg/Kg
72-43-5	METHOXYCHLOR	---	0.24U	mg/Kg
309-00-2	ALDRIN	---	0.024U	mg/Kg
319-85-7	B-BHC	---	0.024U	mg/Kg
319-86-8	D-BHC	---	0.024U	mg/Kg
1024-57-3	HEPTACHLOR EPOXIDE	---	0.024U	mg/Kg
5566-34-7	G-CHLORDANE	---	0.024U	mg/Kg
5103-71-9	A-CHLORDANE	---	0.024U	mg/Kg
72-55-9	4,4' DDE	---	0.048U	mg/Kg
33213-65-9	ENDOSULFAN II	---	0.048U	mg/Kg
7421-93-4	ENDRIN ALDEHYDE	---	0.048U	mg/Kg
1031-07-8	ENDOSULFAN SULFATE	---	0.048U	mg/Kg
539494-70-5	ENDRIN KETONE	---	0.048U	mg/Kg
8001-35-2	TOXAPHENE	---	1.8U	mg/Kg

AJ04300

Field/Station ID: PS-MW04-01P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: VOA TCL SOM1.1 GCMS NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
75-43-4	DICHLORODIFLUOROMETHANE	---	50,000U	ug/Kg
74-87-3	CHLOROMETHANE	---	50,000U	ug/Kg
75-01-4	VINYL CHLORIDE	---	50,000U	ug/Kg
74-83-9	BROMOMETHANE	---	50,000U J	ug/Kg
75-00-3	CHLOROETHANE	---	50,000U	ug/Kg
75-69-4	TRICHLOROFLUOROMETHANE	---	50,000U	ug/Kg
75-35-4	1,1-DICHLOROETHENE	---	50,000U	ug/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 6 of 25



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04300

Field/Station ID: PS-MW04-01P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: VOA TCL SOM1.1 GCMS NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	---	50,000U	ug/Kg
75-15-0	CARBON DISULFIDE	---	50,000U	ug/Kg
67-64-1	ACETONE	---	99,000U	ug/Kg
79-20-9	METHYL ACETATE	---	50,000U	ug/Kg
75-09-2	METHYLENE CHLORIDE	---	50,000U	ug/Kg
156-60-5	TRANS-1,2-DICHLOROETHENE	---	50,000U	ug/Kg
156-59-2	CIS-1,2-DICHLOROETHENE	---	50,000U	ug/Kg
1634-04-4	METHYL TERT-BUTYL ETHER	---	50,000U	ug/Kg
75-34-3	1,1-DICHLOROETHANE	---	50,000U	ug/Kg
78-93-3	2-BUTANONE	---	99,000U	ug/Kg
67-66-3	CHLOROFORM	---	50,000U	ug/Kg
71-55-6	1,1,1-TRICHLOROETHANE	---	50,000U	ug/Kg
110-82-7	CYCLOHEXANE	---	50,000U	ug/Kg
56-23-5	CARBON TETRACHLORIDE	---	50,000U	ug/Kg
107-06-2	1,2-DICHLOROETHANE	---	50,000U	ug/Kg
71-43-2	BENZENE	---	50,000U	ug/Kg
79-01-6	TRICHLOROETHENE	---	50,000U	ug/Kg
108-87-2	METHYLCYCLOHEXANE	---	50,000U	ug/Kg
78-87-5	1,2-DICHLOROPROPANE	---	50,000U	ug/Kg
75-27-4	BROMODICHLOROMETHANE	---	50,000U	ug/Kg
10061-01-5	CIS--1,3-DICHLOROPROPENE	---	50,000U	ug/Kg
108-10-1	4-METHYL-2-PENTANONE	---	99,000U	ug/Kg
10061-02-6	TRANS-1,3-DICHLOROPROPENE	---	50,000U	ug/Kg
108-88-3	TOLUENE	---	50,000U	ug/Kg
79-00-5	1,1,2-TRICHLOROETHANE	---	50,000U	ug/Kg
127-18-4	TETRACHLOROETHENE	---	50,000U	ug/Kg
591-78-6	2-HEXANONE	---	99,000U	ug/Kg
106-93-4	1,2-DIBROMOETHANE	---	50,000U	ug/Kg
124-48-1	DIBROMOCHLOROMETHANE	---	50,000U	ug/Kg
108-90-7	CHLOROBENZENE	---	50,000U	ug/Kg
100-41-4	ETHYLBENZENE	---	50,000U	ug/Kg
1330-20-7	M+P-XYLENE	---	50,000U	ug/Kg
95-47-6	O-XYLENE	---	50,000U	ug/Kg
100-42-5	STYRENE	---	50,000U	ug/Kg
75-25-2	BROMOFORM	---	50,000U	ug/Kg
98-82-8	ISOPROPYLBENZENE	190,000		ug/Kg
79-34-5	1,1,2,2-TETRACHLOROETHANE	---	50,000U	ug/Kg
541-73-1	1,3-DICHLOROBENZENE	---	50,000U	ug/Kg





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Project Number: 07080051

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AJ04300

Field/Station ID: PS-MW04-01P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: VOA TCL SOM1.1 GCMS NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
106-46-7	1,4-DICHLOROBENZENE	---	50,000U	ug/Kg
95-50-1	1,2-DICHLOROBENZENE	---	50,000U	ug/Kg
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	---	50,000U	ug/Kg
0120-82-1	1,2,4-TRICHLOROBENZENE	---	50,000U	ug/Kg
87-61-6	1,2,3-TRICHLOROBENZENE	---	50,000U	ug/Kg
	BROMOCHLOROMETHANE	---	50,000U	ug/Kg
	BENZENE,1-METHYL-4-PROPYL-	910,000	NJ	ug/Kg
	BENZENE,1-ETHENYL-3-ETHYL-	870,000	NJ	ug/Kg
	BENZENE,1-ETHYL-2,3-DIMETHYL-	910,000	NJ	ug/Kg
	BENZENE,4-ETHYL-1,2-DIMETHYL-	1,500,000	NJ	ug/Kg
	BICYCLO[4.2.0]OCTA-1,3,5-TRIENE,7-ISOPRO	1,100,000	NJ	ug/Kg
	BENZENE,(2-CHLORO-2-BUTENYL)-	1,100,000	NJ	ug/Kg
	NONANE,3-METHYL-	1,000,000	NJ	ug/Kg
	NAPHTHALENE,1,2,3,4-TETRAHYDRO-	1,000,000	NJ	ug/Kg
	1H-INDENE,2,3-DIHYDRO-4,7-DIMETHY-	860,000	NJ	ug/Kg
	NAPHTHALENE,2-METHYL-	1,000,000	NJ	ug/Kg

Analysis Type: PCBS GC TSCA OIL

CAS Number	Analyte Name	Result	Remark Codes	Units
12674-11-2	AROCLOR 1016	---	0.30U	mg/Kg
11104-28-2	AROCLOR 1221	---	0.59U	mg/Kg
11141-16-5	AROCLOR 1232	---	0.30U	mg/Kg
53469-21-9	AROCLOR 1242	---	0.59U	mg/Kg
12672-29-6	AROCLOR 1248	---	0.30U	mg/Kg
11097-69-1	AROCLOR 1254	---	0.30U	mg/Kg
11096-82-5	AROCLOR 1260	---	0.30U	mg/Kg
37324-23-5	AROCLOR 1262	---	0.30U	mg/Kg
	AROCLOR 1268	---	0.30U	mg/Kg

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
100-52-7	BENZALDEHYDE	---	390U	mg/Kg
108-95-2	PHENOL	---	390U	mg/Kg
111-44-4	BIS(2-CHLOROETHYL)ETHER	---	390U	mg/Kg
95-57-8	2-CHLOROPHENOL	---	390U	mg/Kg
95-48-7	2-METHYLPHENOL	---	390U	mg/Kg
108-60-1	2,2'-OXYBIS(1-CHLOROPROPANE)	---	390U	mg/Kg
98-86-2	ACETOPHENONE	---	390U	mg/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM





U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04300

Field/Station ID: PS-MW04-01P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
106-44-5	4-METHYLPHENOL	---	390U	mg/Kg
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	---	390U	mg/Kg
67-72-1	HEXACHLOROETHANE	---	390U	mg/Kg
98-95-3	NITROBENZENE	---	390U	mg/Kg
78-59-1	ISOPHORONE	---	390U	mg/Kg
88-75-5	2-NITROPHENOL	---	390U	mg/Kg
105-67-9	2,4-DIMETHYLPHENOL	---	390U	mg/Kg
111-91-1	BIS(-2-CHLOROETHOXY)METHANE	---	390U	mg/Kg
120-83-2	2,4-DICHLOROPHENOL	---	390U	mg/Kg
91-20-3	NAPHTHALENE	---	390U	mg/Kg
106-47-8	4-CHLOROANILINE	---	390U	mg/Kg
87-68-3	HEXACHLOROBUTADIENE	---	390U	mg/Kg
105-60-2	CAPROLACTAM	---	390U	mg/Kg
59-50-7	4-CHLORO-3-METHYLPHENOL	---	390U	mg/Kg
91-57-6	2-METHYL NAPHTHALENE	---	390U	mg/Kg
95-94-3	1,2,4,5- TETRACHLOROBENZENE	---	390U	mg/Kg
77-47-4	HEXACHLOROCYCLOPENTADIENE	---	390U	mg/Kg
88-06-2	2,4,6-TRICHLOROPHENOL	---	390U	mg/Kg
95-95-4	2,4,5-TRICHLOROPHENOL	---	390U	mg/Kg
92-52-4	1,1'- BIPHENYL	---	390U	mg/Kg
91-58-7	2-CHLORONAPHTHALENE	---	390U	mg/Kg
88-74-4	2-NITROANILINE	---	390U	mg/Kg
131-11-3	DIMETHYL PHTHALATE	---	390U	mg/Kg
208-96-8	ACENAPHTHYLENE	---	390U	mg/Kg
606-20-2	2,6-DINITROTOLUENE	---	390U	mg/Kg
99-09-2	3-NITROANILINE	---	390U	mg/Kg
83-32-9	ACENAPHTHENE	---	390U	mg/Kg
51-28-5	2,4-DINITROPHENOL	---	2,300U J	mg/Kg
100-02-7	4-NITROPHENOL	---	390U	mg/Kg
132-64-9	DIBENZOFURAN	---	390U	mg/Kg
121-14-2	2,4-DINITROTOLUENE	---	390U J	mg/Kg
86-73-7	FLUORENE	---	390U	mg/Kg
84-66-2	DIETHYLPHTHALATE	---	390U	mg/Kg
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	---	390U	mg/Kg
100-01-6	4-NITROANILINE	---	390U	mg/Kg
534-52-1	4,6-DINITRO-2-METHYLPHENOL	---	780U L	mg/Kg
86-30-6	N-NITROSODIPHENYLAMINE	---	390U	mg/Kg
101-55-3	4-BROMOPHENYL-PHENYLETHER	---	390U	mg/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 9 of 25



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04300

Field/Station ID: PS-MW04-01P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
118-74-1	HEXACHLOROBENZENE	---	390U	mg/Kg
1912-24-9	ATRAZINE	---	390U	mg/Kg
87-86-5	PENTACHLOROPHENOL	---	2,300U J	mg/Kg
85-01-8	PHENANTHRENE	---	390U	mg/Kg
120-12-7	ANTHRACENE	---	390U	mg/Kg
86-74-8	CARBAZOLE	---	390U	mg/Kg
84-74-2	DI-N-BUTYLPHTHALATE	---	390U	mg/Kg
206-44-0	FLUORANTHENE	---	390U	mg/Kg
129-00-0	PYRENE	---	390U	mg/Kg
85-68-7	BUTYLBENZYLPHTHALATE	---	390U	mg/Kg
91-94-1	3,3'- DICHLOROBENZIDINE	---	390U J	mg/Kg
56-55-3	BENZO(A)ANTHRACENE	---	390U	mg/Kg
218-01-9	CHRYSENE	---	390U	mg/Kg
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	---	390U	mg/Kg
117-84-0	DI-N-OCTYL PHTHALATE	---	390U	mg/Kg
205-99-2	BENZO(B)FLUORANTHENE	---	390U	mg/Kg
207-08-9	BENZO(K)FLUORANTHENE	---	390U	mg/Kg
50-32-8	BENZO(A)PYRENE	---	390U	mg/Kg
193-39-5	INDENO(1,2,3-CD)PYRENE	---	390U	mg/Kg
53-70-3	DIBENZO(A,H)ANTHRACENE	---	390U	mg/Kg
191-24-2	BENZO(G,H,I)PERYLENE	---	390U	mg/Kg
58-90-2	2,3,4,6-TETRACHLOROPHENOL	---	390U	mg/Kg
	CYCLOHEXANE, HEXYL-	2,000	NJ	mg/Kg
	TRIDECANE, 7-METHYL-	8,500	NJ	mg/Kg
	PENTADECANE, 2,6,10,14-TETRAMETHYL-	7,200	NJ	mg/Kg

Analysis Type: PESTICIDES TCL GC SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
319-84-6	A-BHC	---	0.024U L	mg/Kg
58-89-9	G-BHC	---	0.024U	mg/Kg
76-44-8	HEPTACHLOR	---	0.024U	mg/Kg
959-98-8	ENDOSULFAN I	---	0.024U	mg/Kg
60-57-1	DIELDRIN	---	0.047U	mg/Kg
72-20-8	ENDRIN	---	0.047U	mg/Kg
72-54-8	4,4' DDD	---	0.047U	mg/Kg
50-29-3	4,4' DDT	---	0.047U	mg/Kg
72-43-5	METHOXYCHLOR	---	0.24U	mg/Kg
309-00-2	ALDRIN	---	0.047U	mg/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 10 of 25



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04300

Field/Station ID: PS-MW04-01P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: PESTICIDES TCL GC SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
319-85-7	B-BHC	---	0.024U	mg/Kg
319-86-8	D-BHC	---	0.024U	mg/Kg
1024-57-3	HEPTACHLOR EPOXIDE	---	0.024U	mg/Kg
5566-34-7	G-CHLORDANE	---	0.024U	mg/Kg
5103-71-9	A-CHLORDANE	---	0.024U	mg/Kg
72-55-9	4,4' DDE	---	0.047U	mg/Kg
33213-65-9	ENDOSULFAN II	---	0.047U	mg/Kg
7421-93-4	ENDRIN ALDEHYDE	---	0.047U	mg/Kg
1031-07-8	ENDOSULFAN SULFATE	---	0.047U	mg/Kg
539494-70-5	ENDRIN KETONE	---	0.047U	mg/Kg
8001-35-2	TOXAPHENE	---	1.8U	mg/Kg

AJ04301

Field/Station ID: PS-MW04-10P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: VOA TCL SOM1.1 GCMS NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
75-43-4	DICHLORODIFLUOROMETHANE	---	50,000U	ug/Kg
74-87-3	CHLOROMETHANE	---	50,000U	ug/Kg
75-01-4	VINYL CHLORIDE	---	50,000U	ug/Kg
74-83-9	BROMOMETHANE	---	50,000U J	ug/Kg
75-00-3	CHLOROETHANE	---	50,000U	ug/Kg
75-69-4	TRICHLOROFLUOROMETHANE	---	50,000U	ug/Kg
75-35-4	1,1-DICHLOROETHENE	---	50,000U	ug/Kg
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	---	50,000U	ug/Kg
75-15-0	CARBON DISULFIDE	---	50,000U	ug/Kg
67-64-1	ACETONE	---	99,000U	ug/Kg
79-20-9	METHYL ACETATE	---	50,000U	ug/Kg
75-09-2	METHYLENE CHLORIDE	---	50,000U	ug/Kg
156-60-5	TRANS-1,2-DICHLOROETHENE	---	50,000U	ug/Kg
156-59-2	CIS-1,2-DICHLOROETHENE	---	50,000U	ug/Kg
1634-04-4	METHYL TERT-BUTYL ETHER	---	50,000U	ug/Kg
75-34-3	1,1-DICHLOROETHANE	---	50,000U	ug/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 11 of 25





U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04301

Field/Station ID: PS-MW04-10P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: VOA TCL SOM1.1 GCMS NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
78-93-3	2-BUTANONE	---	99,000U	ug/Kg
67-66-3	CHLOROFORM	---	50,000U	ug/Kg
71-55-6	1,1,1-TRICHLOROETHANE	---	50,000U	ug/Kg
110-82-7	CYCLOHEXANE	---	50,000U	ug/Kg
56-23-5	CARBON TETRACHLORIDE	---	50,000U	ug/Kg
107-06-2	1,2-DICHLOROETHANE	---	50,000U	ug/Kg
71-43-2	BENZENE	---	50,000U	ug/Kg
79-01-6	TRICHLOROETHENE	---	50,000U	ug/Kg
108-87-2	METHYLCYCLOHEXANE	---	50,000U	ug/Kg
78-87-5	1,2-DICHLOROPROPANE	---	50,000U	ug/Kg
75-27-4	BROMODICHLOROMETHANE	---	50,000U	ug/Kg
10061-01-5	CIS-1,3-DICHLOROPROPENE	---	50,000U	ug/Kg
108-10-1	4-METHYL-2-PENTANONE	---	99,000U	ug/Kg
10061-02-6	TRANS-1,3-DICHLOROPROPENE	---	50,000U	ug/Kg
108-88-3	TOLUENE	---	50,000U	ug/Kg
79-00-5	1,1,2-TRICHLOROETHANE	---	50,000U	ug/Kg
127-18-4	TETRACHLOROETHENE	---	50,000U	ug/Kg
591-78-6	2-HEXANONE	---	99,000U	ug/Kg
106-93-4	1,2-DIBROMOETHANE	---	50,000U	ug/Kg
124-48-1	DIBROMOCHLOROMETHANE	---	50,000U	ug/Kg
108-90-7	CHLOROBENZENE	---	50,000U	ug/Kg
100-41-4	ETHYLBENZENE	---	50,000U	ug/Kg
1330-20-7	M+P-XYLENE	---	50,000U	ug/Kg
95-47-6	O-XYLENE	---	50,000U	ug/Kg
100-42-5	STYRENE	---	50,000U	ug/Kg
75-25-2	BROMOFORM	---	50,000U	ug/Kg
98-82-8	ISOPROPYLBENZENE	220,000		ug/Kg
79-34-5	1,1,2,2-TETRACHLOROETHANE	---	50,000U	ug/Kg
541-73-1	1,3-DICHLOROBENZENE	---	50,000U	ug/Kg
106-46-7	1,4-DICHLOROBENZENE	---	50,000U	ug/Kg
95-50-1	1,2-DICHLOROBENZENE	---	50,000U	ug/Kg
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	---	50,000U	ug/Kg
0120-82-1	1,2,4-TRICHLOROBENZENE	---	50,000U	ug/Kg
87-61-6	1,2,3-TRICHLOROBENZENE	---	50,000U	ug/Kg
	BROMOCHLOROMETHANE	---	50,000U	ug/Kg
	BENZENE,1-METHYL-4-PROPYL-	1,200,000	NJ	ug/Kg
	BENENE,1-ETHYL-1,2-DIMETHYL-	1,100,000	NJ	ug/Kg
	BICYCLO[4.2.0]OCTA-1,3,5-TRIENE-	1,500,000	NJ	ug/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 12 of 25





U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04301

Field/Station ID: PS-MW04-10P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: VOA TCL SOM1.1 GCMS NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
	BENZENE,(2-CHLORO-2-BUTENYL)-	1,200,000	NJ	ug/Kg
	1H-INDENE,2,3-DIHYDRO-1,1-DIMETHYL-	1,000,000	NJ	ug/Kg
	NAPHTHALENE,1,2,3,4-TETRAHYDRO-2-METHYL-	1,200,000	NJ	ug/Kg
	NONANE,3-METHYL-	1,200,000	NJ	ug/Kg
	1H-INDENE,2,3-DIHYDRO-4,7-DIMETHYL-	1,100,000	NJ	ug/Kg
	NAPHTHALENE,2-METHYL-	1,200,000	NJ	ug/Kg

Analysis Type: PCBS GC TSCA OIL

CAS Number	Analyte Name	Result	Remark Codes	Units
12674-11-2	AROCLOR 1016	---	0.29U	mg/Kg
11104-28-2	AROCLOR 1221	---	0.58U	mg/Kg
11141-16-5	AROCLOR 1232	---	0.29U	mg/Kg
53469-21-9	AROCLOR 1242	---	0.29U	mg/Kg
12672-29-6	AROCLOR 1248	---	0.29U	mg/Kg
11097-69-1	AROCLOR 1254	---	0.29U	mg/Kg
11096-82-5	AROCLOR 1260	---	0.29U	mg/Kg
37324-23-5	AROCLOR 1262	---	0.29U	mg/Kg
	AROCLOR 1268	---	0.29U	mg/Kg

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
100-52-7	BENZALDEHYDE	---	390U	mg/Kg
108-95-2	PHENOL	---	390U	mg/Kg
111-44-4	BIS(2-CHLOROETHYL)ETHER	---	390U	mg/Kg
95-57-8	2-CHLOROPHENOL	---	390U	mg/Kg
95-48-7	2-METHYLPHENOL	---	390U	mg/Kg
108-60-1	2,2'-OXYBIS(1-CHLOROPROPANE)	---	390U	mg/Kg
98-86-2	ACETOPHENONE	---	390U	mg/Kg
106-44-5	4-METHYLPHENOL	---	390U	mg/Kg
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	---	390U	mg/Kg
67-72-1	HEXACHLOROETHANE	---	390U	mg/Kg
98-95-3	NITROBENZENE	---	390U	mg/Kg
78-59-1	ISOPHORONE	---	390U	mg/Kg
88-75-5	2-NITROPHENOL	---	390U	mg/Kg
105-67-9	2,4-DIMETHYLPHENOL	---	390U	mg/Kg
111-91-1	BIS(-2-CHLOROETHOXY)METHANE	---	390U	mg/Kg
120-83-2	2,4-DICHLOROPHENOL	---	390U	mg/Kg
91-20-3	NAPHTHALENE	---	390U	mg/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04301

Field/Station ID: PS-MW04-10P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
106-47-8	4-CHLOROANILINE	---	390U	mg/Kg
87-68-3	HEXACHLOROBUTADIENE	---	390U	mg/Kg
105-60-2	CAPROLACTAM	---	390U	mg/Kg
59-50-7	4-CHLORO-3-METHYLPHENOL	---	390U	mg/Kg
91-57-6	2-METHYL NAPHTHALENE	990	K	mg/Kg
95-94-3	1,2,4,5- TETRACHLOROBENZENE	---	390U	mg/Kg
77-47-4	HEXACHLOROCYCLOPENTADIENE	---	390U	mg/Kg
88-06-2	2,4,6-TRICHLOROPHENOL	---	390U	mg/Kg
95-95-4	2,4,5-TRICHLOROPHENOL	---	390U	mg/Kg
92-52-4	1,1'- BIPHENYL	---	390U	mg/Kg
91-58-7	2-CHLORONAPHTHALENE	---	390U	mg/Kg
88-74-4	2-NITROANILINE	---	390U	mg/Kg
131-11-3	DIMETHYL PHTHALATE	---	390U	mg/Kg
208-96-8	ACENAPHTHYLENE	---	390U	mg/Kg
606-20-2	2,6-DINITROTOLUENE	---	390U	mg/Kg
99-09-2	3-NITROANILINE	---	390U	mg/Kg
83-32-9	ACENAPHTHENE	---	390U	mg/Kg
51-28-5	2,4-DINITROPHENOL	---	2,400U J	mg/Kg
100-02-7	4-NITROPHENOL	---	390U	mg/Kg
132-64-9	DIBENZOFURAN	---	390U	mg/Kg
121-14-2	2,4-DINITROTOLUENE	---	390U J	mg/Kg
86-73-7	FLUORENE	---	390U	mg/Kg
84-66-2	DIETHYLPHTHALATE	---	390U	mg/Kg
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	---	390U	mg/Kg
100-01-6	4-NITROANILINE	---	390U	mg/Kg
534-52-1	4,6-DINITRO-2-METHYLPHENOL	---	780U L	mg/Kg
86-30-6	N-NITROSODIPHENYLAMINE	---	390U	mg/Kg
101-55-3	4-BROMOPHENYL-PHENYLETHER	---	390U	mg/Kg
118-74-1	HEXACHLOROBENZENE	---	390U	mg/Kg
1912-24-9	ATRAZINE	---	390U	mg/Kg
87-86-5	PENTACHLOROPHENOL	---	2,400U J	mg/Kg
85-01-8	PHENANTHRENE	---	390U	mg/Kg
120-12-7	ANTHRACENE	---	390U	mg/Kg
86-74-8	CARBAZOLE	---	390U	mg/Kg
84-74-2	DI-N-BUTYLPHTHALATE	---	390U	mg/Kg
206-44-0	FLUORANTHENE	---	390U	mg/Kg
129-00-0	PYRENE	---	390U	mg/Kg
85-68-7	BUTYLBENZYLPHTHALATE	---	390U	mg/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 14 of 25



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04301

Field/Station ID: PS-MW04-10P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
91-94-1	3,3'- DICHLOROBENZIDINE	---	390U J	mg/Kg
56-55-3	BENZO(A)ANTHRACENE	---	390U	mg/Kg
218-01-9	CHRYSENE	---	390U	mg/Kg
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	---	390U	mg/Kg
117-84-0	DI-N-OCTYL PHTHALATE	---	390U	mg/Kg
205-99-2	BENZO(B)FLUORANTHENE	---	390U	mg/Kg
207-08-9	BENZO(K)FLUORANTHENE	---	390U	mg/Kg
50-32-8	BENZO(A)PYRENE	---	390U	mg/Kg
193-39-5	INDENO(1,2,3-CD)PYRENE	---	390U	mg/Kg
53-70-3	DIBENZO(A,H)ANTHRACENE	---	390U	mg/Kg
191-24-2	BENZO(G,H,I)PERYLENE	---	390U	mg/Kg
58-90-2	2,3,4,6-TETRACHLOROPHENOL	---	390U	mg/Kg
	NONANE, 3,7-DIMETHYL-	2,300	NJ	mg/Kg
	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	3,500	NJ	mg/Kg
	UNDECANE, 6,6-DIMETHYL-	8,800	NJ	mg/Kg
	PENTADECANE, 2,6,10,14-TETRAMETHYL-	7,200	NJ	mg/Kg

Analysis Type: PESTICIDES TCL GC SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
319-84-6	A-BHC	---	0.023U L	mg/Kg
58-89-9	G-BHC	---	0.023U	mg/Kg
76-44-8	HEPTACHLOR	---	0.023U	mg/Kg
959-98-8	ENDOSULFAN I	---	0.023U	mg/Kg
60-57-1	DIELDRIN	---	0.046U	mg/Kg
72-20-8	ENDRIN	---	0.046U	mg/Kg
72-54-8	4,4' DDD	---	0.046U	mg/Kg
50-29-3	4,4' DDT	---	0.046U	mg/Kg
72-43-5	METHOXYCHLOR	---	0.23U	mg/Kg
309-00-2	ALDRIN	---	0.023U	mg/Kg
319-85-7	B-BHC	---	0.023U	mg/Kg
319-86-8	D-BHC	---	0.023U	mg/Kg
1024-57-3	HEPTACHLOR EPOXIDE	---	0.023U	mg/Kg
5566-34-7	G-CHLORDANE	---	0.023U	mg/Kg
5103-71-9	A-CHLORDANE	---	0.023U	mg/Kg
72-55-9	4,4' DDE	---	0.046U	mg/Kg
33213-65-9	ENDOSULFAN II	---	0.046U	mg/Kg
7421-93-4	ENDRIN ALDEHYDE	---	0.046U	mg/Kg
1031-07-8	ENDOSULFAN SULFATE	---	0.046U	mg/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 15 of 25



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04301

Field/Station ID: PS-MW04-10P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: PESTICIDES TCL GC SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
539494-70-5	ENDRIN KETONE	---	0.046U	mg/Kg
8001-35-2	TOXAPHENE	---	1.7U	mg/Kg

AJ04302

Field/Station ID: PZ2-1P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: VOA TCL SOM1.1 GCMS NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
75-43-4	DICHLORODIFLUOROMETHANE	---	50,000U	ug/Kg
74-87-3	CHLOROMETHANE	---	50,000U	ug/Kg
75-01-4	VINYL CHLORIDE	---	50,000U	ug/Kg
74-83-9	BROMOMETHANE	---	50,000U J	ug/Kg
75-00-3	CHLOROETHANE	---	50,000U	ug/Kg
75-69-4	TRICHLOROFLUOROMETHANE	---	50,000U	ug/Kg
75-35-4	1,1-DICHLOROETHENE	---	50,000U	ug/Kg
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	---	50,000U	ug/Kg
75-15-0	CARBON DISULFIDE	---	50,000U	ug/Kg
67-64-1	ACETONE	---	100,000U	ug/Kg
79-20-9	METHYL ACETATE	---	50,000U	ug/Kg
75-09-2	METHYLENE CHLORIDE	---	50,000U	ug/Kg
156-60-5	TRANS-1,2-DICHLOROETHENE	---	50,000U	ug/Kg
156-59-2	CIS-1,2-DICHLOROETHENE	---	50,000U	ug/Kg
1634-04-4	METHYL TERT-BUTYL ETHER	---	50,000U	ug/Kg
75-34-3	1,1-DICHLOROETHANE	---	50,000U	ug/Kg
78-93-3	2-BUTANONE	---	100,000U	ug/Kg
67-66-3	CHLOROFORM	---	50,000U	ug/Kg
71-55-6	1,1,1-TRICHLOROETHANE	---	50,000U	ug/Kg
110-82-7	CYCLOHEXANE	---	50,000U	ug/Kg
56-23-5	CARBON TETRACHLORIDE	---	50,000U	ug/Kg
107-06-2	1,2-DICHLOROETHANE	---	50,000U	ug/Kg
71-43-2	BENZENE	---	50,000U	ug/Kg
79-01-6	TRICHLOROETHENE	---	50,000U	ug/Kg
108-87-2	METHYLCYCLOHEXANE	---	50,000U	ug/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 16 of 25





U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04302

Field/Station ID: PZ2-1P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: VOA TCL SOM1.1 GCMS NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
78-87-5	1,2-DICHLOROPROPANE	---	50,000U	ug/Kg
75-27-4	BROMODICHLOROMETHANE	---	50,000U	ug/Kg
10061-01-5	CIS--1,3-DICHLOROPROPENE	---	50,000U	ug/Kg
108-10-1	4-METHYL-2-PENTANONE	---	100,000U	ug/Kg
10061-02-6	TRANS-1,3-DICHLOROPROPENE	---	50,000U	ug/Kg
108-88-3	TOLUENE	---	50,000U	ug/Kg
79-00-5	1,1,2-TRICHLOROETHANE	---	50,000U	ug/Kg
127-18-4	TETRACHLOROETHENE	---	50,000U	ug/Kg
591-78-6	2-HEXANONE	---	100,000U	ug/Kg
106-93-4	1,2-DIBROMOETHANE	---	50,000U	ug/Kg
124-48-1	DIBROMOCHLOROMETHANE	---	50,000U	ug/Kg
108-90-7	CHLOROBENZENE	---	50,000U	ug/Kg
100-41-4	ETHYLBENZENE	---	50,000U	ug/Kg
1330-20-7	M+P-XYLENE	---	50,000U	ug/Kg
95-47-6	O-XYLENE	---	50,000U	ug/Kg
100-42-5	STYRENE	---	50,000U	ug/Kg
75-25-2	BROMOFORM	---	50,000U	ug/Kg
98-82-8	ISOPROPYLBENZENE	60,000		ug/Kg
79-34-5	1,1,2,2-TETRACHLOROETHANE	---	50,000U	ug/Kg
541-73-1	1,3-DICHLOROBENZENE	---	50,000U	ug/Kg
106-46-7	1,4-DICHLOROBENZENE	---	50,000U	ug/Kg
95-50-1	1,2-DICHLOROBENZENE	---	50,000U	ug/Kg
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	---	50,000U	ug/Kg
0120-82-1	1,2,4-TRICHLOROBENZENE	---	50,000U	ug/Kg
87-61-6	1,2,3-TRICHLOROBENZENE	---	50,000U	ug/Kg
	BROMOCHLOROMETHANE	---	50,000U	ug/Kg
	BENZENE, 1-METHYL-2-(1-METHYLETHYL)-	1,100,000	NJ	ug/Kg
	BENZENE, 1,2,4,5-TETRAMETHYL-	1,400,000	NJ	ug/Kg
	BICYCLO[4.2.0]OCTA-1,3,5-TRIENE, 7-ISOPRO	850,000	NJ	ug/Kg
	INDANE, 1-METHYL-	930,000	NJ	ug/Kg
	1,3-CYCLOPENTADIENE, 1,2,3,4-TETRAMETHYL-	950,000	NJ	ug/Kg
	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-2-METHYL-	1,600,000	NJ	ug/Kg
	NONANE, 3-METHYL-	1,100,000	NJ	ug/Kg
	BENZENE, 1,3,5-TRIMETHYL-2-(1-METHYLETHEN	1,500,000	NJ	ug/Kg
	NAPHTHALENE, 2-METHYL-	1,200,000	NJ	ug/Kg

Analysis Type: PCBS GC TSCA OIL

CAS Number	Analyte Name	Result	Remark Codes	Units
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Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 17 of 25



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04302

Field/Station ID: PZ2-1P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: PCBS GC TSCA OIL

CAS Number	Analyte Name	Result	Remark Codes	Units
12674-11-2	AROCLOR 1016	---	0.30U	mg/Kg
11104-28-2	AROCLOR 1221	---	0.61U	mg/Kg
11141-16-5	AROCLOR 1232	---	0.30U	mg/Kg
53469-21-9	AROCLOR 1242	---	0.30U	mg/Kg
12672-29-6	AROCLOR 1248	---	0.30U	mg/Kg
11097-69-1	AROCLOR 1254	---	0.30U	mg/Kg
11096-82-5	AROCLOR 1260	2.0		mg/Kg
37324-23-5	AROCLOR 1262	---	0.30U	mg/Kg
	AROCLOR 1268	---	0.30U	mg/Kg

Analysis Type: NVOA SF GCMS SOMI.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
100-52-7	BENZALDEHYDE	---	400U	mg/Kg
108-95-2	PHENOL	---	400U	mg/Kg
111-44-4	BIS(2-CHLOROETHYL)ETHER	---	400U	mg/Kg
95-57-8	2-CHLOROPHENOL	---	400U	mg/Kg
95-48-7	2-METHYLPHENOL	---	400U	mg/Kg
108-60-1	2,2'-OXYBIS(1-CHLOROPROPANE)	---	400U	mg/Kg
98-86-2	ACETOPHENONE	---	400U	mg/Kg
106-44-5	4-METHYLPHENOL	---	400U	mg/Kg
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	---	400U	mg/Kg
67-72-1	HEXACHLOROETHANE	---	400U	mg/Kg
98-95-3	NITROBENZENE	---	400U	mg/Kg
78-59-1	ISOPHORONE	---	400U	mg/Kg
88-75-5	2-NITROPHENOL	---	400U	mg/Kg
105-67-9	2,4-DIMETHYLPHENOL	---	400U	mg/Kg
111-91-1	BIS-(2-CHLOROETHOXY)METHANE	---	400U	mg/Kg
120-83-2	2,4-DICHLOROPHENOL	---	400U	mg/Kg
91-20-3	NAPHTHALENE	---	400U	mg/Kg
106-47-8	4-CHLOROANILINE	---	400U	mg/Kg
87-68-3	HEXACHLOROBUTADIENE	---	400U	mg/Kg
105-60-2	CAPROLACTAM	---	400U	mg/Kg
59-50-7	4-CHLORO-3-METHYLPHENOL	---	400U	mg/Kg
91-57-6	2-METHYL NAPHTHALENE	---	400U	mg/Kg
95-94-3	1,2,4,5- TETRACHLOROBENZENE	---	400U	mg/Kg
77-47-4	HEXACHLOROCYCLOPENTADIENE	---	400U	mg/Kg
88-06-2	2,4,6-TRICHLOROPHENOL	---	400U	mg/Kg
95-95-4	2,4,5-TRICHLOROPHENOL	---	400U	mg/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 18 of 25



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04302

Field/Station ID: PZ2-1P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
92-52-4	1,1'-BIPHENYL	---	400U	mg/Kg
91-58-7	2-CHLORONAPHTHALENE	---	400U	mg/Kg
88-74-4	2-NITROANILINE	---	400U	mg/Kg
131-11-3	DIMETHYL PHTHALATE	---	400U	mg/Kg
208-96-8	ACENAPHTHYLENE	---	400U	mg/Kg
606-20-2	2,6-DINITROTOLUENE	---	400U	mg/Kg
99-09-2	3-NITROANILINE	---	400U	mg/Kg
83-32-9	ACENAPHTHENE	---	400U	mg/Kg
51-28-5	2,4-DINITROPHENOL	---	2,400U J	mg/Kg
100-02-7	4-NITROPHENOL	---	400U	mg/Kg
132-64-9	DIBENZOFURAN	---	400U	mg/Kg
121-14-2	2,4-DINITROTOLUENE	---	400U J	mg/Kg
86-73-7	FLUORENE	---	400U	mg/Kg
84-66-2	DIETHYLPHTHALATE	---	400U	mg/Kg
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	---	400U	mg/Kg
100-01-6	4-NITROANILINE	---	400U	mg/Kg
534-52-1	4,6-DINITRO-2-METHYLPHENOL	---	800U L	mg/Kg
86-30-6	N-NITROSODIPHENYLAMINE	---	400U	mg/Kg
101-55-3	4-BROMOPHENYL-PHENYLETHER	---	400U	mg/Kg
118-74-1	HEXACHLOROBENZENE	---	400U	mg/Kg
1912-24-9	ATRAZINE	---	400U	mg/Kg
87-86-5	PENTACHLOROPHENOL	---	2,400U J	mg/Kg
85-01-8	PHENANTHRENE	530	K	mg/Kg
120-12-7	ANTHRACENE	---	400U	mg/Kg
86-74-8	CARBAZOLE	---	400U	mg/Kg
84-74-2	DI-N-BUTYLPHTHALATE	---	400U	mg/Kg
206-44-0	FLUORANTHENE	---	400U	mg/Kg
129-00-0	PYRENE	---	400U	mg/Kg
85-68-7	BUTYLBENZYLPHTHALATE	---	400U	mg/Kg
91-94-1	3,3'-DICHLOROBENZIDINE	---	400U J	mg/Kg
56-55-3	BENZO(A)ANTHRACENE	---	400U	mg/Kg
218-01-9	CHRYSENE	---	400U	mg/Kg
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	---	400U	mg/Kg
117-84-0	DI-N-OCTYL PHTHALATE	---	400U	mg/Kg
205-99-2	BENZO(B)FLUORANTHENE	---	400U	mg/Kg
207-08-9	BENZO(K)FLUORANTHENE	---	400U	mg/Kg
50-32-8	BENZO(A)PYRENE	---	400U	mg/Kg
193-39-5	INDENO(1,2,3-CD)PYRENE	---	400U	mg/Kg



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04302

Field/Station ID: PZ2-1P  
Matrix: Oil

Date Received: 8/17/2007

Sample Description:

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
53-70-3	DIBENZO(A,H)ANTHRACENE	---	400U	mg/Kg
191-24-2	BENZO(G,H,I)PERYLENE	---	400U	mg/Kg
58-90-2	2,3,4,6-TETRACHLOROPHENOL	---	400U	mg/Kg
	CYCLOHEXANE, BUYTL-	2,100	NJ	mg/Kg
	NAPHTHALENE, DECAHYDRO-,TRANS,	2,000	NJ	mg/Kg
	BENZENE, 2-ETHYL-1,3-DEMETHYL-	3,300	NJ	mg/Kg
	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-	2,500	NJ	mg/Kg
	NAPHTHALENE, 1,6,7-TRIMETHYL-	3,400	NJ	mg/Kg
	PENTADECANE, 2,6,10,14,-TETRAMETHYL-	14,000	NJ	mg/Kg
	HEPTADECANE,-2,6,10,15-TETRAMETHYL-	2,800	NJ	mg/Kg

Analysis Type: PESTICIDES TCL GC SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
319-84-6	A-BHC	---	0.024U L	mg/Kg
58-89-9	G-BHC	---	0.024U	mg/Kg
76-44-8	HEPTACHLOR	---	0.024U	mg/Kg
959-98-8	ENDOSULFAN I	---	0.024U	mg/Kg
60-57-1	DIELDRIN	---	0.049U	mg/Kg
72-20-8	ENDRIN	---	0.049U	mg/Kg
72-54-8	4,4' DDD	---	0.049U	mg/Kg
50-29-3	4,4' DDT	---	0.049U	mg/Kg
72-43-5	METHOXYCHLOR	---	0.24U	mg/Kg
309-00-2	ALDRIN	---	0.024U	mg/Kg
319-85-7	B-BHC	---	0.024U	mg/Kg
319-86-8	D-BHC	---	0.024U	mg/Kg
1024-57-3	HEPTACHLOR EPOXIDE	---	0.024U	mg/Kg
5566-34-7	G-CHLORDANE	---	0.024U	mg/Kg
5103-71-9	A-CHLORDANE	---	0.024U	mg/Kg
72-55-9	4,4' DDE	---	0.049U	mg/Kg
33213-65-9	ENDOSULFAN II	---	0.049U	mg/Kg
7421-93-4	ENDRIN ALDEHYDE	---	0.049U	mg/Kg
1031-07-8	ENDOSULFAN SULFATE	---	0.049U	mg/Kg
539494-70-5	ENDRIN KETONE	---	0.049U	mg/Kg
8001-35-2	TOXAPHENE	---	1.8U	mg/Kg





U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04303

Field/Station ID: PZ2-2P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: VOA TCL SOM1.1 GCMS NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
75-43-4	DICHLORODIFLUOROMETHANE	---	130,000U	ug/Kg
74-87-3	CHLOROMETHANE	---	130,000U	ug/Kg
75-01-4	VINYL CHLORIDE	---	130,000U	ug/Kg
74-83-9	BROMOMETHANE	---	130,000U J	ug/Kg
75-00-3	CHLOROETHANE	---	130,000U	ug/Kg
75-69-4	TRICHLOROFLUOROMETHANE	---	130,000U	ug/Kg
75-35-4	1,1-DICHLOROETHENE	---	130,000U	ug/Kg
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	---	130,000U	ug/Kg
75-15-0	CARBON DISULFIDE	---	130,000U	ug/Kg
67-64-1	ACETONE	---	250,000U	ug/Kg
79-20-9	METHYL ACETATE	---	130,000U	ug/Kg
75-09-2	METHYLENE CHLORIDE	---	130,000U	ug/Kg
156-60-5	TRANS-1,2-DICHLOROETHENE	---	130,000U	ug/Kg
156-59-2	CIS-1,2-DICHLOROETHENE	---	130,000U	ug/Kg
1634-04-4	METHYL TERT-BUTYL ETHER	---	130,000U	ug/Kg
75-34-3	1,1-DICHLOROETHANE	---	130,000U	ug/Kg
78-93-3	2-BUTANONE	---	250,000U	ug/Kg
67-66-3	CHLOROFORM	---	130,000U	ug/Kg
71-55-6	1,1,1-TRICHLOROETHANE	---	130,000U	ug/Kg
110-82-7	CYCLOHEXANE	---	130,000U	ug/Kg
56-23-5	CARBON TETRACHLORIDE	---	130,000U	ug/Kg
107-06-2	1,2-DICHLOROETHANE	---	130,000U	ug/Kg
71-43-2	BENZENE	---	130,000U	ug/Kg
79-01-6	TRICHLOROETHENE	---	130,000U	ug/Kg
108-87-2	METHYLCYCLOHEXANE	---	130,000U	ug/Kg
78-87-5	1,2-DICHLOROPROPANE	---	130,000U	ug/Kg
75-27-4	BROMODICHLOROMETHANE	---	130,000U	ug/Kg
10061-01-5	CIS--1,3-DICHLOROPROPENE	---	130,000U	ug/Kg
108-10-1	4-METHYL-2-PENTANONE	---	250,000U	ug/Kg
10061-02-6	TRANS-1,3-DICHLOROPROPENE	---	130,000U	ug/Kg
108-88-3	TOLUENE	---	130,000U	ug/Kg
79-00-5	1,1,2-TRICHLOROETHANE	---	130,000U	ug/Kg
127-18-4	TETRACHLOROETHENE	---	130,000U	ug/Kg
591-78-6	2-HEXANONE	---	250,000U	ug/Kg
106-93-4	1,2-DIBROMOETHANE	---	130,000U	ug/Kg
124-48-1	DIBROMOCHLOROMETHANE	---	130,000U	ug/Kg
108-90-7	CHLOROBENZENE	---	130,000U	ug/Kg
100-41-4	ETHYLBENZENE	---	130,000U	ug/Kg



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04303

Field/Station ID: PZ2-2P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: VOA TCL SOM1.1 GCMS NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
1330-20-7	M+P-XYLENE	---	130,000U	ug/Kg
95-47-6	O-XYLENE	---	130,000U	ug/Kg
100-42-5	STYRENE	---	130,000U	ug/Kg
75-25-2	BROMOFORM	---	130,000U	ug/Kg
98-82-8	ISOPROPYLBENZENE	130,000		ug/Kg
79-34-5	1,1,2,2-TETRACHLOROETHANE	---	130,000U	ug/Kg
541-73-1	1,3-DICHLOROBENZENE	---	130,000U	ug/Kg
106-46-7	1,4-DICHLOROBENZENE	---	130,000U	ug/Kg
95-50-1	1,2-DICHLOROBENZENE	---	130,000U	ug/Kg
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	---	130,000U	ug/Kg
0120-82-1	1,2,4-TRICHLOROBENZENE	---	130,000U	ug/Kg
87-61-6	1,2,3-TRICHLOROBENZENE	---	130,000U	ug/Kg
	BROMOCHLOROMETHANE	---	130,000U	ug/Kg
	BENZENE,1-METHYL-2-(1-METHYLETHYL)-	1,100,000	NJ	ug/Kg
	BICYCLO[4.2.0]OCTA-1,3,5-TRIENE,7-ISOPRO	830,000	NJ	ug/Kg
	INDAN,1-METHYL-	1,300,000	NJ	ug/Kg
	NAPHTHALENE,1,2,3,4-TETRAHYDRO,2-METHYL-	1,400,000	NJ	ug/Kg
	NAPHTHALENE,1-METHYL-	1,600,000	NJ	ug/Kg
	BENZENE,1,3,5-TRIMETHYL-2-(1-METHYLETHEN	1,200,000	NJ	ug/Kg
	NAPHTHALENE,2-METHYL-	1,700,000	NJ	ug/Kg
	NAPHTHALENE,1,6-DIMETHYL-	1,200,000	NJ	ug/Kg

Analysis Type: PCBS GC TSCA OIL

CAS Number	Analyte Name	Result	Remark Codes	Units
12674-11-2	AROCLOR 1016	---	0.30U	mg/Kg
11104-28-2	AROCLOR 1221	---	0.61U	mg/Kg
11141-16-5	AROCLOR 1232	---	0.30U	mg/Kg
53469-21-9	AROCLOR 1242	---	0.30U	mg/Kg
12672-29-6	AROCLOR 1248	---	0.30U	mg/Kg
11097-69-1	AROCLOR 1254	---	0.30U	mg/Kg
11096-82-5	AROCLOR 1260	0.50		mg/Kg
37324-23-5	AROCLOR 1262	---	0.30U	mg/Kg
	AROCLOR 1268	---	0.30U	mg/Kg

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
100-52-7	BENZALDEHYDE	---	390U	mg/Kg
108-95-2	PHENOL	---	390U	mg/Kg

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 22 of 25



U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04303

Field/Station ID: PZ2-2P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
111-44-4	BIS(2-CHLOROETHYL)ETHER	---	390U	mg/Kg
95-57-8	2-CHLOROPHENOL	---	390U	mg/Kg
95-48-7	2-METHYLPHENOL	---	390U	mg/Kg
108-60-1	2,2'-OXYBIS(1-CHLOROPROPANE)	---	390U	mg/Kg
98-86-2	ACETOPHENONE	---	390U	mg/Kg
106-44-5	4-METHYLPHENOL	---	390U	mg/Kg
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	---	390U	mg/Kg
67-72-1	HEXACHLOROETHANE	---	390U	mg/Kg
98-95-3	NITROBENZENE	---	390U	mg/Kg
78-59-1	ISOPHORONE	---	390U	mg/Kg
88-75-5	2-NITROPHENOL	---	390U	mg/Kg
105-67-9	2,4-DIMETHYLPHENOL	---	390U	mg/Kg
111-91-1	BIS(-2-CHLOROETHOXY)METHANE	---	390U	mg/Kg
120-83-2	2,4-DICHLOROPHENOL	---	390U	mg/Kg
91-20-3	NAPHTHALENE	---	390U	mg/Kg
106-47-8	4-CHLOROANILINE	---	390U	mg/Kg
87-68-3	HEXACHLOROBUTADIENE	---	390U	mg/Kg
105-60-2	CAPROLACTAM	---	390U	mg/Kg
59-50-7	4-CHLORO-3-METHYLPHENOL	---	390U	mg/Kg
91-57-6	2-METHYL NAPHTHALENE	2,200		mg/Kg
95-94-3	1,2,4,5- TETRACHLOROBENZENE	---	390U	mg/Kg
77-47-4	HEXACHLOROCYCLOPENTADIENE	---	390U	mg/Kg
88-06-2	2,4,6-TRICHLOROPHENOL	---	390U	mg/Kg
95-95-4	2,4,5-TRICHLOROPHENOL	---	390U	mg/Kg
92-52-4	1,1'- BIPHENYL	---	390U	mg/Kg
91-58-7	2-CHLORONAPHTHALENE	---	390U	mg/Kg
88-74-4	2-NITROANILINE	---	390U	mg/Kg
131-11-3	DIMETHYL PHTHALATE	---	390U	mg/Kg
208-96-8	ACENAPHTHYLENE	---	390U	mg/Kg
606-20-2	2,6-DINITROTOLUENE	---	390U	mg/Kg
99-09-2	3-NITROANILINE	---	390U	mg/Kg
83-32-9	ACENAPHTHENE	---	390U	mg/Kg
51-28-5	2,4-DINITROPHENOL	---	2,400U J	mg/Kg
100-02-7	4-NITROPHENOL	---	390U	mg/Kg
132-64-9	DIBENZOFURAN	---	390U	mg/Kg
121-14-2	2,4-DINITROTOLUENE	---	390U J	mg/Kg
86-73-7	FLUORENE	---	390U	mg/Kg
84-66-2	DIETHYLPHTHALATE	---	390U	mg/Kg





U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04303

Field/Station ID: PZ2-2P

Date Received: 8/17/2007

Matrix: Oil

Sample Description:

Analysis Type: NVOA SF GCMS SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	---	390U	mg/Kg
100-01-6	4-NITROANILINE	---	390U	mg/Kg
534-52-1	4,6-DINITRO-2-METHYLPHENOL	---	2,400U L	mg/Kg
86-30-6	N-NITROSODIPHENYLAMINE	---	390U	mg/Kg
101-55-3	4-BROMOPHENYL-PHENYLETHER	---	390U	mg/Kg
118-74-1	HEXACHLOROBENZENE	---	390U	mg/Kg
1912-24-9	ATRAZINE	---	390U	mg/Kg
87-86-5	PENTACHLOROPHENOL	---	790U J	mg/Kg
85-01-8	PHENANTHRENE	1,000	K	mg/Kg
120-12-7	ANTHRACENE	---	390U	mg/Kg
86-74-8	CARBAZOLE	---	390U	mg/Kg
84-74-2	DI-N-BUTYLPHTHALATE	---	390U	mg/Kg
206-44-0	FLUORANTHENE	---	390U	mg/Kg
129-00-0	PYRENE	---	390U	mg/Kg
85-68-7	BUTYLBENZYLPHTHALATE	---	390U	mg/Kg
91-94-1	3,3'-DICHLOOROBENZIDINE	---	390U J	mg/Kg
56-55-3	BENZO(A)ANTHRACENE	---	390U	mg/Kg
218-01-9	CHRYSENE	---	390U	mg/Kg
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	---	390U	mg/Kg
117-84-0	DI-N-OCTYL PHTHALATE	---	390U	mg/Kg
205-99-2	BENZO(B)FLUORANTHENE	---	390U	mg/Kg
207-08-9	BENZO(K)FLUORANTHENE	---	390U	mg/Kg
50-32-8	BENZO(A)PYRENE	---	390U	mg/Kg
193-39-5	INDENO(1,2,3-CD)PYRENE	---	390U	mg/Kg
53-70-3	DIBENZO(A,H)ANTHRACENE	---	390U	mg/Kg
191-24-2	BENZO(G,H,I)PERYLENE	---	390U	mg/Kg
58-90-2	2,3,4,6-TETRACHLOROPHENOL	---	390U	mg/Kg
	BENZENE, 1-METHYL-3-(1-METHYLETHYL)-	2,500	NJ	mg/Kg
	CYCLOHEXANE, 2-BUTYL-1,1,3-TRIMETHYL-	2,300	NJ	mg/Kg
	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-5-METHYL-	2,400	NJ	mg/Kg
	NAPHTHALENE, 1-METHYL-	4,700	NJ	mg/Kg
	NAPHTHALENE, 2,6-DIMETHYL-	4,900	NJ	mg/Kg
	NAPHTHALENE, 1-METHYL-7-(1-METHYL)-	2,300	NJ	mg/Kg
	PENTADECANE, 2,6,10,14,-TETRAMETHYL-	10,000	NJ	mg/Kg
	TRIDECANE, 7-HEXYL-	2,300	NJ	mg/Kg

Analysis Type: PESTICIDES TCL GC SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
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Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07PM

Page 24 of 25





U.S. EPA Region 2 Laboratory  
Data Report

Survey Name: PREPA PALO SECO

Project Number: 07080051

\*Sorted By Sample ID

AJ04303

Field/Station ID: PZ2-2P

Matrix: Oil

Date Received: 8/17/2007

Sample Description:

Analysis Type: PESTICIDES TCL GC SOM1.1 NAPL

CAS Number	Analyte Name	Result	Remark Codes	Units
319-84-6	A-BHC	---	0.024U L	mg/Kg
58-89-9	G-BHC	---	0.024U	mg/Kg
76-44-8	HEPTACHLOR	---	0.024U	mg/Kg
959-98-8	ENDOSULFAN I	---	0.024U	mg/Kg
60-57-1	DIELDRIN	---	0.049U	mg/Kg
72-20-8	ENDRIN	---	0.049U	mg/Kg
72-54-8	4,4' DDD	---	0.049U	mg/Kg
50-29-3	4,4' DDT	---	0.049U	mg/Kg
72-43-5	METHOXYCHLOR	---	0.24U	mg/Kg
309-00-2	ALDRIN	---	0.024U	mg/Kg
319-85-7	B-BHC	---	0.024U	mg/Kg
319-86-8	D-BHC	---	0.024U	mg/Kg
1024-57-3	HEPTACHLOR EPOXIDE	---	0.024U	mg/Kg
5566-34-7	G-CHLORDANE	---	0.024U	mg/Kg
5103-71-9	A-CHLORDANE	---	0.024U	mg/Kg
72-55-9	4,4' DDE	---	0.049U	mg/Kg
33213-65-9	ENDOSULFAN II	---	0.049U	mg/Kg
7421-93-4	ENDRIN ALDEHYDE	---	0.049U	mg/Kg
1031-07-8	ENDOSULFAN SULFATE	---	0.049U	mg/Kg
539494-70-5	ENDRIN KETONE	---	0.049U	mg/Kg
8001-35-2	TOXAPHENE	---	1.8U	mg/Kg

Project Approval: \_\_\_\_\_

Date: 9/4/07

Refer to Page 1 for an explanation of Remark Codes

Report Date: 9/10/2007 2:07 PM

Page 25 of 25

**Case Narrative:**

**PREPA Palo Seco #07080051**

The National Environmental Laboratory Accreditation Conference (NELAC) is a voluntary environmental laboratory accreditation association of State and Federal agencies. NELAC established and promoted a national accreditation program that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAC accredited. The Laboratory tests that are accredited have met all the requirements established under the NELAC Standards.

**Comment(s):**

The TCL Volatiles are reported in "ug/kg" or part-per-billion; the TCL Semi-Volatiles and TCL Pesticides/PCBs are reported in "mg/kg" or part-per-million.

The samples were held in Memphis, TN for two days due to concerns Fed-Ex had regarding the oil samples. Samples were shipped on 8/14/07 and arrived at the USEPA facility on 8/17/07 at room temperature.

**Data Qualifier(s):**

- U- The analyte was not detected at or above the Reporting Limit.
- J- The identification of the analyte is acceptable; the reported value is an estimate.
- K- The identification of the analyte is acceptable; the reported value may be biased high.
- L- The identification of the analyte is acceptable; the reported value may be biased low.
- NJ- There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.

**Reporting Limit(s):**


The Laboratory was able to achieve the Contract Required Quantitation Limits (CRQLs), where applicable, for each analyte requested.

**Method(s):**

TCL Pesticides/PCBs Analysis, EPA SOP C-91 (GC/ECD Method)

TCL Semi-Volatiles Analysis, EPA SOP C-90 (GC/MS Method)

TCL Volatiles Analysis, EPA SOP C-89 (Purge & Trap GC/MS Method)

Approval:  Date: 9/11/07